

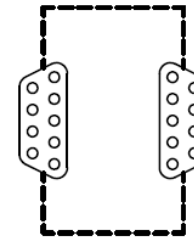
Muon Monitor with RG174 Signal Line

Aluminum vessel with 9 pixels

9 vessels per alcove

(81pixels)

To another pixels



Signal junction box (Aluminum, 9 per alcove)
subD 9pin to -> subD 9pin



Grounded at scanner



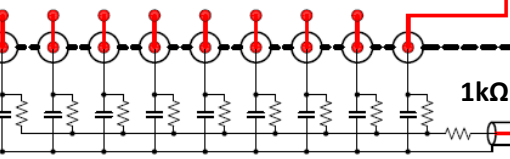
9 RG174

Signal to
SWIC SCANNER

Metallization

CERAMIC SUBSTRATE

CERAMIC SUBSTRATE



9x 0.1µF 1kV

9x 1MΩ

one for each pixel

On G10 board soldered

To gas tight feat trough

1kΩ

RG 58

red

RG 58

red SHV conn.

~150 V

Negative DC

From DROGI

Aluminum distribution

(fan out)

Box (three per alcove)

one IN – three OUT

SHV connectors

Helium SS lines and
Vessel grounded
By welds, screws, mounts
To the rack. Rack bolted
to the concrete floor.